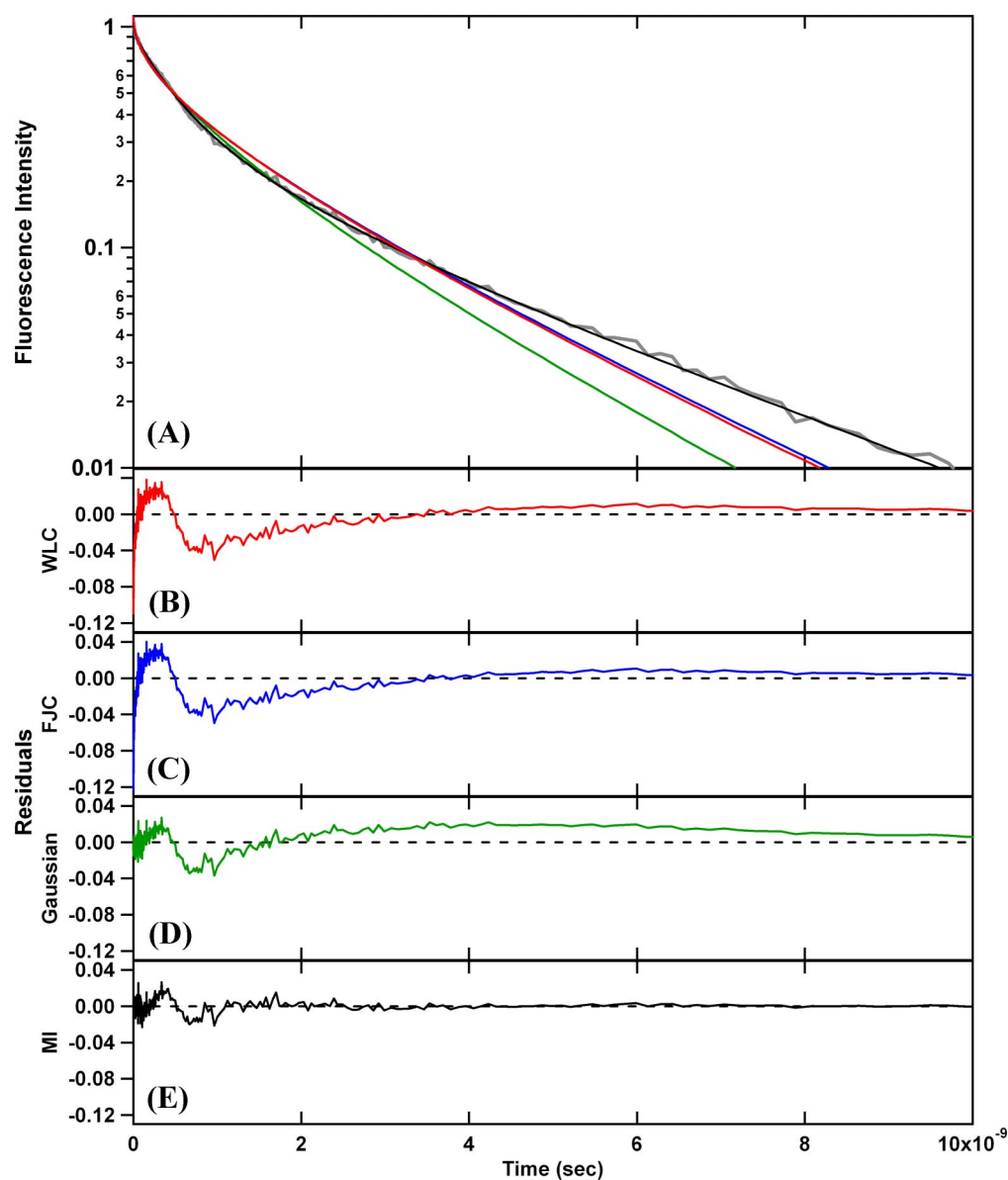
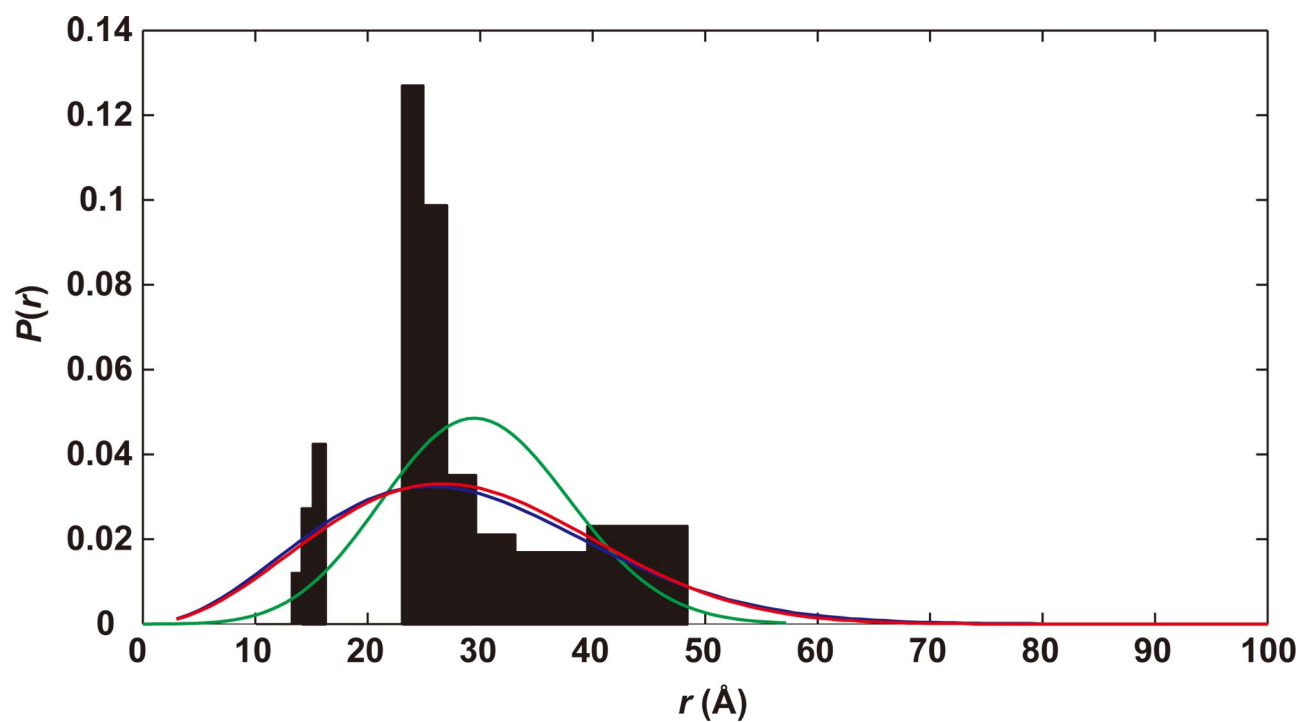


# Supporting Information

Kimura et al. 10.1073/pnas.0902562106



**Fig. S1.** (A) Fluorescence decay curve of cytochrome  $cb_{562}$  in 6.9 M GuHCl (gray) and its fitting curves based on wormlike chain model (red), freely joint chain model (blue), Gaussian chain model (green), and model independent with maximum entropy method (black). (B) Residual of the fitting curve of wormlike chain model. (C) Residual of the fitting curve of freely joint chain model. (D) Residual of the fitting curve of Gaussian chain model. (E) Residual of the fitting curve of maximum entropy method.



**Fig. S2.** Distance distributions of the unfolded cytochrome *cb*<sub>562</sub>. Distributions are calculated based on wormlike chain model (red line), freely joint chain model (blue line), Gaussian chain model (green line), and model independent with maximum entropy method (black bar) as shown in Fig. S1.

## Other Supporting Information Files

Kimura et al. [www.pnas.org/cgi/content/short/0902562106](http://www.pnas.org/cgi/content/short/0902562106)